

Converting Colors

$Y_{xy}(27.2097, 0.4383, 0.2847)$

Have a look what the booklet for
Yxy(27.2097, 0.4383, 0.2847)
contains.

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Color

Yxy(27.1178, 0.4390, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	E85F88
RGB	232, 95, 136
RGB Percent	91%, 37%, 53%
CMY	0.0902, 0.6274, 0.4667
CMYK	0.00, 0.59, 0.41, 0.09
HSL	342°, 75%, 64%
HSV	342°, 59%, 91%
XYZ	41.8149, 27.1178, 26.3177
YIQ	140.6370, 68.4910, 41.7950

Conversions

Conversions Part 2

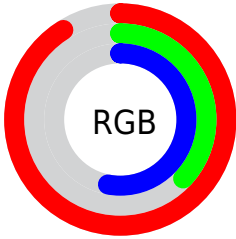
Format	Color
R _Y B	232, 95, 136
Decimal	15228808
CIE Lab	59.08, 56.64, 4.87
CIE LCh	59, 56.852, 4.915
Yxy	27.1178, 0.4390, 0.2847
Android (android.graphics.Color)	4293418888 (0xFFE85F88)
YUV	140.6370, -2.2860, 80.1254
Hunter-Lab	52.0748, 52.2010, 6.4882

Details

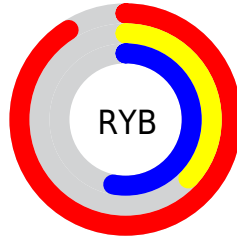
The Yxy color **27.1178, 0.4390, 0.2847** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **63.9111, 0.2585, 0.3844**, and the grayscale version is **26.4765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0673, 0.3783, 0.2896**, and **10.7205, 0.4823, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **23.1156, 0.4741, 0.2813**, and if you desaturate by 10%, it is **32.4372, 0.4075, 0.2907**.

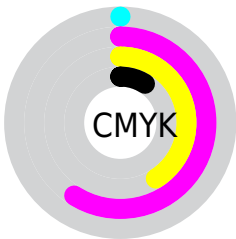
Distribution



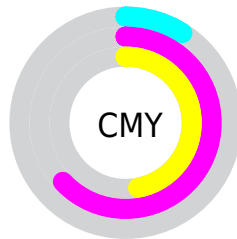
- Red (91%)
- Green (37%)
- Blue (53%)



- Red (91%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1178, 0.4390, 0.2847 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 27.1178, 0.4390, 0.2847 by changing the saturation by 10% instead.

 27.1178, 0.4390,
0.2847

 27.1178, 0.4390,
0.2847


288.2270, 0.3703,
0.3096

 17.6617, 0.4580,
0.2775


 55.0728, 0.4127,
0.2944

 10.7074, 0.4834,
0.2677


 74.3406, 0.4032,
0.2979

 5.8704, 0.5191,
0.2535

 97.6477, 0.3954,
0.3007

 2.7665, 0.5721,
0.2318

 125.3785, 0.3888,
0.3031

 1.0111, 0.6583,
0.1957

157.9174, 0.3831,
0.3051

 0.0000, 1.0000,
0.0000

195.6489, 0.3783,

 0.0000, 0.0000,

0.3068

0.0000

238.9573, 0.3740,
0.3083

■ 27.1178, 0.4390,
0.2847

■ 27.1178, 0.4390,
0.2847

■ 23.1156, 0.4741,
0.2813

■ 32.4372, 0.4075,
0.2907

■ 20.3089, 0.5110,
0.2818

■ 39.1727, 0.3804,
0.2982

■ 18.5606, 0.5466,
0.2868

■ 47.4184, 0.3578,
0.3063

■ 17.6585, 0.5774,
0.2961

■ 57.2593, 0.3392,
0.3144

■ 17.5910, 0.5802,
0.2970

■ 68.7740, 0.3240,
0.3223

■ 82.0357, 0.3116,
0.3297

■ 95.5666, 0.3016,
0.3341

■ 95.8964, 0.2988,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.1178, 0.3444, 0.2327



27.1178, 0.4390, 0.2847



27.1178, 0.4942, 0.3472

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.1178, 0.4390, 0.2847



27.1178, 0.3499, 0.5058



27.1178, 0.1594, 0.2116

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.1178, 0.4390, 0.2847



63.9111, 0.2585, 0.3844

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.1178, 0.1598, 0.2681



27.1178, 0.4390, 0.2847



27.1178, 0.2626, 0.4647

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.1178, 0.4390, 0.2847



27.1178, 0.4321, 0.4758



27.1178, 0.1941, 0.3636



27.1178, 0.1901, 0.1913

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.1178, 0.4390, 0.2847



27.1178, 0.4965, 0.3914



27.1178, 0.1941, 0.3636



27.1178, 0.1561, 0.2259

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.1192, 0.4390, 0.2847



72.2286, 0.3376, 0.3152



25.0760, 0.2781, 0.1738



14.6390, 0.3426, 0.3128



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1192, 0.4390, 0.2847



27.7122, 0.4826, 0.2811



32.0018, 0.4752, 0.3590



14.4386, 0.3246, 0.3220



9.7849, 0.5760, 0.2947



0.7390, 0.5343, 0.2717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.1192, 0.4390, 0.2847



27.7122, 0.4826, 0.2811



51.7332, 0.2319, 0.2924



14.4386, 0.3246, 0.3220



9.7849, 0.5760, 0.2947



0.7390, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 27.1178, 0.4390, 0.2847 looks on a white background.

Color Contrast Check

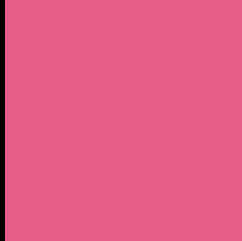
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 27.1178, 0.4390, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

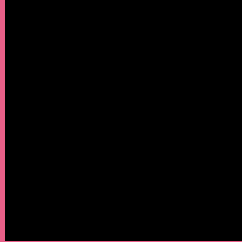
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1178, 0.4390, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 27.1178, 0.4390, 0.2847.



This preview shows how white text looks on a background with the Yxy color 27.1178, 0.4390, 0.2847.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.1178, 0.4390, 0.2847

Protanopia

27.4793, 0.2898, 0.2956

Deuteranopia

27.3390, 0.3483, 0.3431



Tritanopia

27.1919, 0.4744, 0.3230

Trichromacy



Original Color

27.1178, 0.4390, 0.2847

Protanomaly

25.8514, 0.3380, 0.2882

Deuteranomaly

26.1498, 0.3810, 0.3151

Tritanomaly

27.2206, 0.4615, 0.3088

Monochromacy



Original Color

27.1178, 0.4390, 0.2847

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.2781, 0.3560, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1178, 0.4390, 0.2847 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 95, 136)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.1178, 0.4390, 0.2847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 95, 136) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 95, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 95, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 136);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1178, 0.4390, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232, 95,  
136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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